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## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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Attorney Docket No.	0892.1	Pά	
First Inventor	Besmann, Theodore M.	Ŗ⊊	
Title	High Efficiency, Oxidatio	<b>h.</b> .	
Everess Mail Lahel No	ER286959146US	)	

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450
1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)  Applicant claims small entity status. See 37 CFR 1.27.  3. Specification [Total Pages_8] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings. (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure  4. Drawing(s) (35 U.S.C. 113) [Total Sheets_2]  5. Oath or Declaration [Total Sheets_2]  a. Newly executed (original or copy)  b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)  i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76	ACCOMPANYING APPLICATION PARTS  9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney 11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  17. Other:
18. If a CONTINUING APPLICATION, check appropriate box, and sup, specification following the title, or in an Application Data Sheet under 3	oly the requisite information below and in the first sentence of the CFR 1.76:
Prior application information: Examiner Van, Quang T.  For CONTINUATION OR DIVISIONAL APPS only; The entire disclosure of the 5b, is considered a part of the disclosure of the accompanying continuation The incorporation can only be relied upon when a portion has been inadverted.	or divisional application and is hereby incorporated by reference. ently omitted from the submitted application parts.
. 19. CORRESPONI	DENCE ADDRESS
Customer Number: 24298	OR Correspondence address below
Name	The sale
Address	Maria a superior
City	State Zip Code
Country	elephone Fax
Name (Print/Type) Kirk A, Wilson	Registration No. (Attorney/Agent) 45,939
Signature Kilb & Island	Date 4/13/04

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take of minutes to complete, including gathering, preparing, and submitting the completed application from to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mall Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (10-03)

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2	FEE TRANS	RAITTAI	Complete if Known		
,	FEE IRANS	IVIIIIAL	Application Number		
3	for FY 2	nna -	Filing Date		
	Effective 10/01/2003. Patent fees are subject to annual revision		First Named Inventor	Besmann, T.	
			Examiner Name	•	
Applicant claims small entity status. See 37 CFR 1.27		Art Unit			
Т	OTAL AMOUNT OF PAYMENT	(\$) 425.00	Attorney Docket No.	0892.1	

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)			
Check Credit card Money Other None	3. ADDITIONAL FEES			
Order Order	Large Entity   Small Entity			
Deposit Account:	Fee Fee Fee Fee Fee Fee Fee Fee Description			
Deposit Account 13-1958	The second of th	Paid		
Number Deposit	1051 130 2051 65 Surcharge - late filing fee or oath			
Account U1-Battelle, LLC	1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet			
Name The Director is authorized to: (check all that apply)	1053 · 130 1053 130 Non-English specification			
Charge fee(s) indicated below Credit any overpayments	1812 2,520 1812 2,520 For filing a request for ex parte reexamination			
Charge any additional fee(s) or any underpayment of fee(s)	1804 920* 1804 920* Requesting publication of SIR prior to Examiner action			
Charge fee(s) indicated below, except for the filling fee	1805 1,840* 1805 1,840* Requesting publication of SIR after			
to the above-identified deposit account.	Examiner action			
FEE CALCULATION	1251 110 2251 55 Extension for reply within first month			
1. BASIC FILING FEE	1252 420 2252 210 Extension for reply within second month			
arge Entity Small Entity	1253 950 2253 475 Extension for reply within third month	<b></b> -		
Fee Fee Fee Fee Description Fee Paid Code (\$)	1254 1,480 2254 740 Extension for reply within fourth month			
1001 770 2001 385 Utility filing fee 385.00	-1255 2,010 2255 1,005 Extension for reply within fifth month	<b></b> ∤I		
1002 340 2002 170 Design filing fee	1401 3302401 165 Notice of Appeal			
1003 530 2003 265 Plant filing fee	1402 330 2402 165 Filing a brief in support of an appeal			
1004 770 2004 385 Reissue filing fee		<b></b> ∤!		
1005 160 2005 80 Provisional filing fee 1	1451 1,510 1451 1,510 Petition to institute a public use proceeding			
SUBTOTAL (1) (\$) 385.00	1452 - 110 • 2452 55 Petition to revive - unavoidable	I		
	1453 1,330 2453 665 Petition to revive - unintentional			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501 1,330 2501 665 Utility issue fee (or reissue)			
Total Claims 8 2011 = D x 0 = 0	1502 480 2502 240 Design issue fee			
Independent ( )	1503 640 2503 320 Plant issue fee	]		
Claims	1460 130 1460 130 Petitions to the Commissioner			
	1807 50 1807 50 Processing fee under 37 CFR 1.17(q)	—— I		
Fee	1806 180 1806 180 Submission of Information Disclosure Stmt			
Code (\$) Code (\$)	8021 40 8021 40 Recording each patent assignment per property (times number of properties)	00		
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809 770 2809 385 Filing a submission after final rejection			
1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid	(37 CFR 1.129(a)) 1810 770 2810 385 For each additional invention to be	$\dashv$		
1204 86 2204 43 ** Reissue independent claims	examined (37 CFR 1.129(b))	∤!		
over original patent	1801 770 2801 385 Request for Continued Examination (RCE)			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent.				
SUBTOTAL (2) (\$) 0.00	Other fee (specify)			
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00	- 11		

SUBMITTED BY			and the state of the same	(Complet	e (if applicable))
Name (Print/Type)	Kirk A. Wilson		Registration No. 45,939	Telephor	ne 865.574.4179
Signature	Kink a	Welson		Date	4/13/04

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